

Title (en)

Process for preparing an aqueous copolymer solution

Title (de)

Verfahren zur Herstellung einer wässrigen Copolymerisatlösung

Title (fr)

Procédé de préparation d'une solution aqueuse d'un copolymère

Publication

**EP 1369440 A2 20031210 (DE)**

Application

**EP 03010972 A 20030516**

Priority

DE 10224922 A 20020604

Abstract (en)

An ethylenically unsaturated monocarboxylic acid and/or dicarboxylic acid (monomer A) (in wt.%) (50-99.5), an ethylenically unsaturated compound chosen from specific esters (0.5-50) (monomer B), and an optional monomer (monomer C) (up to 20) are polymerized in aqueous medium in the presence of foam inhibitor(s), to prepare an aqueous copolymer solution. An ethylenically unsaturated monocarboxylic acid and/or dicarboxylic acid (monomer A) (in wt.%) (50-99.5), ethylenically unsaturated compound (0.5-50) (monomer B), and an optional monomer (monomer C) (up to 20), are polymerized in an aqueous medium in the presence of at least one foam inhibitor, to prepare an aqueous copolymer solution. The monomer (B) is chosen from esters of ethylenically unsaturated monocarboxylic acids and monoesters and diesters of ethylenically unsaturated dicarboxylic acids with an amine containing at least one hydroxyl group.

Abstract (de)

Die vorliegende Erfindung betrifft ein Verfahren zur Herstellung wässriger Copolymerisatlösungen durch Polymerisation von ethylenisch ungesättigten Verbindungen in Anwesenheit von Schauminhibitoren.

IPC 1-7

**C08F 220/04; C08F 222/02**

IPC 8 full level

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